ARGUS

PSIM
CLASS PLATFORM

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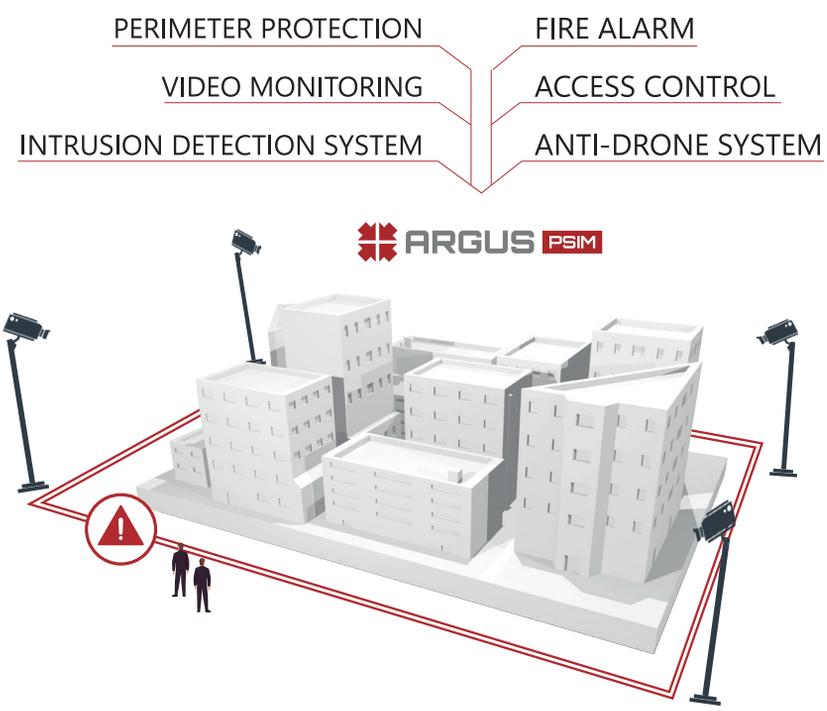
ARGUS

PSIM-class security management software

It combines all the latest and existing technical protection system in a single surveillance and control platform.

It integrates the systems of stand-alone and distributed objects, regardless of their type and equipment manufacturer.

INTEGRATED SECURITY SYSTEMS



Latest software version

The ARGUS PSIM platform manages security through surveillance and control over integrated technical security systems.
It collects, processes and displays data flowing from numerous devices making up such systems as IDS, CCTV, ACS, FAS, BMS or SCADA. All the data is displayed on synoptic charts and in an event log.

ARGUS PSIM

The statuses of each element are stored in a database along with an event log. The ARGUS platform processes information simultaneously transmitted from technical security systems, thus guaranteeing swift operation. It offers the possibility to control fire protection equipment and systems.

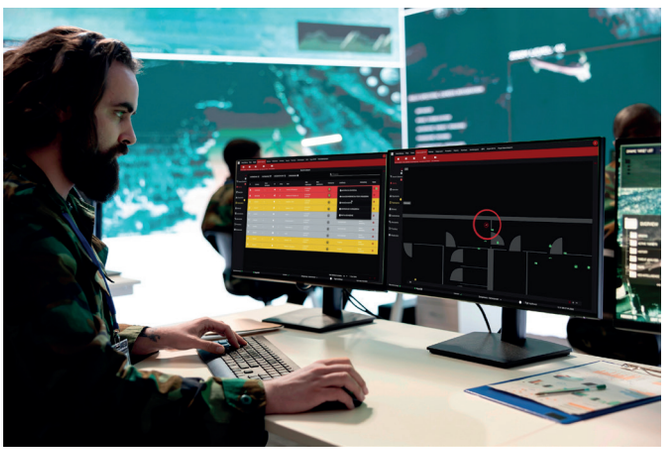
THE ARGUS PSIM PLATFORM

Collects data

It collects data from numerous systems - perimeter protection, alarm, access control, CCTV, fire protection and communication systems, as well as many others.

Analyses data

It identifies actual threats - analyses collected events and alarms originating from different systems and devices, appropriately prioritising them.



Verifies identified threats

Intuitive and easy-to-use PSIM platform interface provides the operator with ready-made information acquired through analysing threat data.

Provides ready-made solutions

It provides ready-made procedures for incoming events or alarms, guides the operator step-by-step through the decision-making process and triggers correlated subsystem operations.

Reports

It develops reports on collected events that are employed to streamline facility management processes, in-depth system analysis, supervise correct operator actions, etc.

Enables developing an audit path

PSIM also monitors the interactions between each operator and the system, tracks all manual changes in security systems and calculates response times for each event.

WATCH VIDEO
electronic barrier at the Poland-Russia border

We are the manufacturer of the ARGUS system and the owner of its software source

ARGUS PSIM

Therefore, we have full control over adapting the functionalities of the PSIM platform to facility specifics and client requirements.

The ARGUS system can be employed for integration purposes in diverse facilities.

Starting from small-scale once, such as warehouse hubs, office and building complexes, and industrial and power facilities, to more complex and extensive facilities, such as military complexes, fuel and energy distribution networks or crisis centres.

- ARGUS collects detailed information from all technical protection systems
- provides an up-to-date, comprehensive security status for the facility
- enables instantaneous response to alarms and any other malfunctions and interference in the operation of monitored systems
- maintains full readiness of the systems

ARGUS PSIM + AI

State-of-the-art physical security management aided by artificial intelligence
ARGUS PSIM is an advanced system for managing information from many physical security subsystems. The integration with artificial intelligence (AI) enables ARGUS PSIM not only to record events, but also actively support operators in analysing them and making decisions.

Smart threat detection and classification
AI analyses the data coming from sensors and cameras, classifying events as false, potentially dangerous or critical.

Real-time image analysis
Algorithms recognize persons, vehicles, anomalies (e.g. fire, weapon, suspicious behaviour) supporting situation assessment.

Event contextualisation
The system takes into account location, time, incident history, and data from other systems to generate a comprehensive overview of the situation.

Operator recommendations
Based on the collected data, AI suggests such actions as calling security, closing the door or activating emergency procedures.

Response automation
The system is able to independently implement certain operations as per an agreed security policy.

Reporting and analysis support
AI generates automatic reports, analyses event progress and suggests procedural improvements.

Benefits of using AI in ARGUS PSIM

- **Faster response** – shorter time between detection and response.
- **Less false alarms** – filtering based on context and machine learning.
- **Greater decision precision** – operation suggestions based on analysing numerous variables.
- **Resistance to human error** – AI does not experience fatigue and operates 24/7.
- **Reporting compliant with ISO standards** – saves time during audits and analyses.
- **Threat prediction** – identification of threat patterns and their prevention.

ARGUS PSIM + AI is more than just an alarm management system – it is a decision-making hub that reacts, predicts and supports an operator at every event stage

ARGUS SHIELD

Integrated Security Management System

ARGUS SHIELD is an advanced, modular PSIM+ ecosystem that integrates the key functions of ARGUS--family systems: **ARGUS PSIM, ARGUS KD, ARGUS SIUP, ARGUS Power, ARGUS Network, ARGUS Border** and **ARGUS AI**. It offers comprehensive support for services responsible for public safety, the military, crisis management institutions and critical infrastructure operators.

ARGUS SIUP – hardware and software fire safety management platform with PSIM-class software
It enables surveillance and control over fire protection systems

ARGUS Power – integrated energy, environment and technical I&C surveillance
ARGUS Power is a specialised app that is an integral component of the ARGUS PSIM platform. Developed with modern, critical infrastructures in mind, it enables centralised supervision of the power supply, technical environment, renewable energy sources and building automation. It combines the functionalities of BMS, SCADA and EMS in a single, intuitive platform.

ARGUS Network – comprehensive supervision of the IT/OT infrastructure and NIS2-compliant security
Designed for centralised, real-time monitoring, integration and management of IT, server and ICT infrastructure

ARGUS Border – centralised state security surveillance through comprehensive electronic barrier management

The application is an extension of the ARGUS PSIM platform. Developed with modern, critical infrastructures for state border protection in mind. The system combines the functionalities of the PSIM, Network and Power classes in a single, intuitive platform.

ACCESS CONTROL SYSTEM MANAGEMENT

A clear user interface that can be launched on different hardware and software platform owing to .Net Core 6.0

The system enables developing an enterprise administration tree that facilitates managing rights, users and passages.

User grouping, dynamic granting of rights or cooperation with document readers are all elements that streamline and optimise software usage.

Automation and the option to synchronise with other systems, such as video monitoring or alarm systems, enable a more consistent and effective monitoring and response to emergency or dangerous situations.

Additional modules for handling guests, visits, trips, locks and key depositories extend and expand system capabilities.

It can be run in web (browser) mode or as an app pre-installed on the operator or administrator workbench.

It is fully compatible with other ARGUS systems, which enables visualisations in PSIM-class systems, and further transmission of control commands to the ARGUS KD server (thus enabling, e.g. passage opening).

ANTI-DRONE SYSTEM

1. Full integration of the anti-drone system with the PSIM-class ARGUS platform enables it to be an element complementing perimeter protection and may be visualised in a homogeneous environment with other technical protection systems.

2. The system may include radars, RF detectors, thermal imaging and daytime cameras, sound detectors or communication jammers and devices interfering with the geolocation of detected objects.

3. Each unmanned aerial vehicle is assigned with such parameters as a communication protocol, latitude and longitude, flight altitude, movement speed; its flight trajectory is also plotted on a map.

4. A visible light camera may effectively track an object in daytime, while a thermal imaging camera during the night; the software integrates all signals from individual system components, makes decisions, and then displays a drone on the map; the drone may be effectively stopped within a 2 km radius.

5. The system enables creating numerous protection zones, from the most remote one, which solely notifies that an object is approaching a target, to the closest one, where object security is at threat - in such a situation, the system may respond automatically, triggering jamming of specific-frequency radio waves or the system operator may manually do so; the system has the option to enable and disable individual jamming ranges.

6. The ARGUS platform anti-drone system module employs graphic backgrounds in the form of a vector map; it then visualises a network of sensors used and objects detected on a map that displays the data based on a geographic information system.

7. The objects on the map are visualised according to their categories (aircraft, animal, drone, etc.); at the operator's request, each category may be disabled, so that the map is more legible.

8. All evidence of facility air space violation are recorded in an event log, then, after analysis, saved on a hard drive and stored for a specified period of time; the recorded footage and flight trajectories may be played back on demand.

TELBUD SA

INTEGRATED SECURITY SYSTEMS

Since 1987, we have been providing solutions in the field of telecommunications, technical facility protection, automation, as well as surveillance and control.

We specialise in engineering and constructing security systems employing technical protection systems (by various manufacturers), such as the intrusion detection system, video surveillance, access control, fire alarm system, audio warning system and others. We are also experts in implementing perimeter protection of facilities and areas. We integrate technical protection systems based on our proprietary ARGUS PSIM (physical security information management) software.

Our business segments focus on uniformed services, critical infrastructure, fuel and energy industry, civil and military aviation, and the telecommunications.

We are an engineering company with 100% Polish capital.

- we design security and technical protection systems, as well as all kinds of ICT and power supply plants
- we develop and deploy facility-specific software that integrates PSIM and SMS
- we design, construct and implement computer-based surveillance and control systems
- we implement air navigation and radiolocation systems

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